



---

# DOD Chesapeake Bay Program

## OVERVIEW

26 July 2004

RICHMOND, VA

Glenn Markwith

Commander, Navy Region, Mid-  
Atlantic

757-444-3009 x375



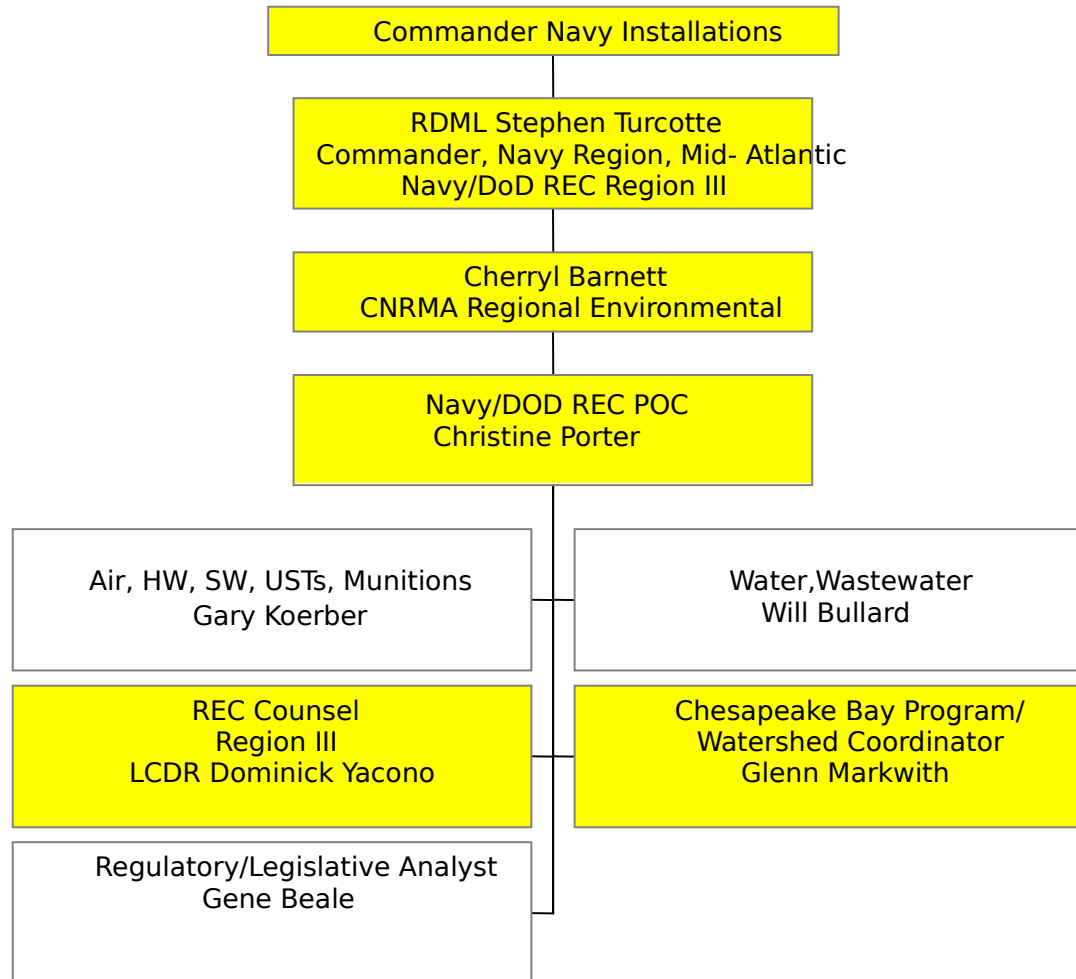
# OUTLINE

---

- Organizational Structure
- DoD Installations in the Watershed
- DoD Bay Program- Current VA Initiatives
- Potential Partnership Opportunities
  - DoD “Greenways” Initiative
  - C2K Keystones
- Discussion



# DOD Bay Program Organizational Structure





# DOD Bay Program Organizational Structure

---

- 1988 – REC Navy/MC Lead for CBP
- 1994 to Present – DOD Executive Lead Agent





# DOD Bay Program Organizational Structure

- DoD Chesapeake Bay Program Coordinator:
  - Coordinate implementation of CBP initiatives throughout the services;
  - Staff key CBP committees, workgroups & meetings/chair the multi-service Quality Management Board;
  - Coordinate DOD responses to data calls, track and report overall progress;



# DoD Installations in the Bay Watershed

- 64,000 square mile watershed
- Encompasses 6 states and the District of Columbia
- 66 DOD Installations
  - Navy (35)
  - Army (19)
  - Air Force (4)
  - Marine Corps (3)
  - DLA (3)
  - Pentagon and Arlington Cemetery (2)

The Chesapeake Bay Watershed





# DoD Installations in the Bay Watershed (Acreage) →

- 420,000 acres or ~1% of the total 64,000 square mile watershed
  - Army - 218,000 52%
  - Navy/MC - 127,000 30%
  - Army Corps - 60,000 14%
  - Air Force - 13,315 3%
  - DLA - 1,941 <1%



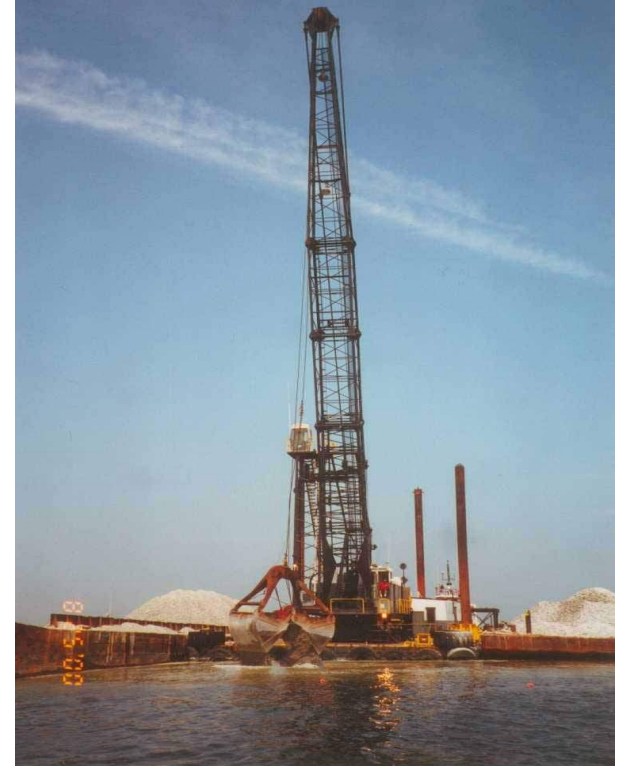
# Current DoD Bay Program Initiatives

## (Living Resources) →





# Current DoD Bay Program Initiatives (Living Resources) →







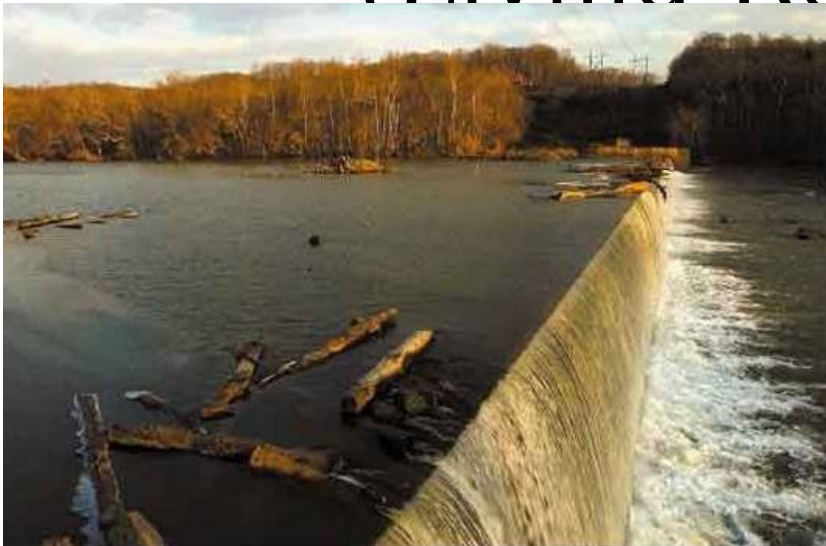
# Current DoD Bay Program Initiatives (Living Resources) →





# Current DoD Bay Program Initiatives

(Living Resources) →







# Current DoD Bay Program Initiatives

~~(Living Resources)~~

INTE

INT

FOI

N.

INTEGRA  
MANAGE  
LANGLE  
VIRGINIA



June 1998







# Current DoD Bay Program Initiatives

## ~~(Living Resources)~~







# Current DoD Bay Program Initiatives (Vital Habitat) →







# Current DoD Bay Program Initiatives (Vital Habitat)



You are  
here!





# Current DoD Bay Program Initiatives (Vital Habitat)





# Current DoD Bay Program Initiatives (~~Vital Habitat~~)







# Current DoD Bay Program Initiatives (~~Vital Habitat~~)







# Current DoD Bay Program Initiatives (Water Quality)







# Current DoD Bay Program Initiatives (Water Quality)







# Current DoD Bay Program Initiatives (Water Quality) →





# Current DoD Bay Program Initiatives (Water Quality)





# Current DoD Bay Program Initiatives (Water Quality)

---







# Current DoD Bay Program Initiatives (Sound Land Use) →





# Current DoD Bay Program Initiatives

~~(Sound Land Use)~~







# Current DoD Bay Program Initiatives (~~Sound Land Use~~)





# Current DoD Bay Program Initiatives (Sound Land Use)







# Current DoD Day 1 Program Initiatives (Stewardship/Community Involvement)







# Current DoD Day 1 Program Initiatives (Stewardship/Community Engagement)







# Current DoD Bay 1 Program Initiatives (Stewardship/Community Engagement)







# Current DoD Day 1 Program Initiatives (Stewardship/Community Engagement)





# Potential DoD/State Partnerships...

---

- **DoD “Greenways” Initiative**
  - Background (Florida “Greenways”)
  - VA Military Installations w/encroachment issues
- **Oyster Restoration**
  - Sanctuary Reefs Adjacent to DoD Facilities
  - Aquaculture & Research
  - AT/FP considerations (Webster Field)
- **Control of Exotic Species**
  - Joint efforts to control invasive plants/animals (federal/state nexus)
  - Integrate management plan objectives into INRMPS



# Potential DoD/State Partnerships...

---

- **Fish Passage**
  - Identify State priority areas
  - Coordinate military training opportunities (Coastal America)
- **SAV/Wetlands/Riparian Restoration Projects**
  - Integrate Best Available Science with DoD projects (VIMS)
  - Coordinate restoration according to geographic priorities
  - Integrate with state CERCLA corrective actions where applicable (Tier II partnering interface)



# Potential DoD/State Partnerships...

---

- **Low Impact Development (LID) demonstration projects**
  - Integrate with State priority areas where possible
  - Export lessons learned to state and local government as appropriate
- **Point Source Discharges**
  - Tributary strategies may require FOTW upgrades (need to work together to identify requirements and program appropriate funding)
  - VA CLEAN MARINA initiative (expand program to cover additional DoD facilities in VA – increase pump out facilities where appropriate)



# Potential DoD/State Partnerships...

---

- **Technology/Information Sharing**
  - GIS-based data layers for NR/CR overlays
  - Joint demonstration projects
  - Gov. Warner's NR Partnership Agenda
- **Outreach/Public Access**
  - Identify areas of mutual interest to highlight state NR/CR initiatives (2007 celebration?)
  - Identify opportunities and start working on them now!
- **General Discussion/Wrap-up!**